

Title (en)
METHOD FOR PRODUCING POROUS BODY

Title (de)
VERFAHREN ZUR HERSTELLUNG EINES PORÖSEN KÖRPERS

Title (fr)
PROCÉDÉ DE PRODUCTION D'UN CORPS POREUX

Publication
EP 3415486 A1 20181219 (EN)

Application
EP 18185316 A 20150323

Priority
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Abstract (en)
A method for producing a porous body, comprising: a raw-material mixing step of mixing talc having an average particle size of 1 µm or more and 18 µm or less, alumina, an auxiliary raw material containing a material that undergoes a eutectic reaction with talc and being prepared in an amount so as to satisfy a weight ratio of 0.5% or more and 1.5% or less by weight relative to the talc, and a pore-forming agent, to provide green body; and a molding and firing step of molding the green body to provide a compact and firing this compact at a firing temperature of 1350°C to 1440°C.

IPC 8 full level
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Citation (search report)
• [I] US 2009137382 A1 20090528 - MERKEL GREGORY ALBERT [US]
• [I] US 2009220736 A1 20090903 - MERKEL GREGORY ALBERT [US]
• [I] US 2010126132 A1 20100527 - MERKEL GREGORY ALBERT [US]
• [A] EP 2364765 A1 20110914 - NGK INSULATORS LTD [JP]

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EP 2927203 A2 20151007; **EP 2927203 A3 20160210**; EP 3415486 A1 20181219; EP 3415486 B1 20200304; JP 2015193497 A 20151105; JP 6254474 B2 20171227; US 11048836 B2 20210629; US 2015278409 A1 20151001; US 2018268094 A1 20180920

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